

We are very familiar with parts of base 5 since our money uses some base 5 values.

The first three place values are 1, 5, and 25.

What are the next two?

In base 5, we don't need digits other than 0, 1, 2, 3, and 4.

Since we are familiar with pennies, nickels, and quarters, making change is like working in base 5.

Amount	Is made with how many:	Quarters (25)	Nickels (5)	Pennies (1)
0¢				
1¢				
2¢				
3¢				
4¢				
5¢				
6¢				
7¢				
8¢				
9¢				
10¢				
11¢				
12¢		0	2	2
13¢				
14¢				
15¢				
16¢				
17¢				
18¢				
19¢				
20¢				
21¢				
22¢				
23¢				
24¢				
25¢				
26¢				
27¢				
28¢				
29¢				
30¢				
31¢				
32¢				
33¢				
34¢				

How would you write 471 in base 5?